Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 12 Mar 2021 until 23:59 on Saturday 13 Mar 2021

Forecast Issued on Thursday 11 Mar 2021 at 16:09

Confidence: High for cold and breezy conditions with showers or longer periods of rain, sleet and snow through the coming days and the move to milder conditions early next week, but lower for risk of more persistent rain or snow on Sunday

Headline for Friday 12 Mar 2021: Sunny spells and wintry showers, more persistent evening sleet. Cold and windy.

Mountain weather hazards on Friday 12 Mar 2021

Blizzards
Low Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Partly cloudy (night)	Light snow showers (night)	Heavy snow showers	Light snow showers	Sunny intervals	Light snow showers (night)	Sleet
Precipitation probability							
40%	20%	30%	30%	30%	20%	30%	80%

Forecast for Friday 12 Mar 2021

Weather: A mix of clear or sunny spells and occasionally heavy showers, these falling mainly as snow above about 450m. Cloud increases through the evening with a band of more persistent and occasionally heavy snow, falling as rain below about 600m spreading east, bringing the risk of blizzard conditions over higher summits.

Chance of cloud free mountain/hill tops above 600m: Around 75%, chances fall considerably in the evening.

Visibility: Occasional cloud above 600m, with patches below, becoming periods or persistent above about 450m in the evening. Otherwise visibility very good falling to several kilometres in snow and heavier rain showers and less than a kilometre in heavier snow showers and more persistent summit snow later and near zero in blizzards.

Forecast for Friday 12 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/44 W	28/41 SW	21/32 SW	16/24 SW	24/35 W	25/38 W	24/36 SW	20/31 S	20/30 S
300	19/40 W	18/38 SW	14/29 SW	11/23 W	17/33 W	19/37 SW	16/32 SW	13/27 S	14/28 S
Valley	19/39 W	16/34 SW	13/28 SW	11/23 W	16/32 W	19/38 W	14/30 SW	12/26 S	11/25 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-8	0/-8	0/-7	-0/-6	0/-7	1/-6	0/-6	0/-6	0/-6
300	2/-4	2/-3	2/-3	1/-3	3/-2	3/-2	3/-2	2/-2	2/-3
Valley	4/-1	4/-1	4/-0	3/-1	5/0	5/0	4/0	4/0	4/0
Freezing Level*	500m	600m	600m	500m	500m	500m	600m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 11 Mar 2021	26.4mm	48mm	49.4mm

Forecast for Saturday 13 Mar 2021

Weather: Heavy overnight rain, with snow and perhaps blizzards above about 600m, clearing to leave sunny spells and occasionally wintry showers through the morning. The showers, falling mainly as rain below 450m, become fewer and further between during the afternoon and evening.

Maximum wind: Southwesterly, veering westerly or northwesterly in the early hours, 25-30mph with gusts around 50mph over ridges and summits.

Chance of cloud free mountain/hill tops above 600m: Little chance through the early hours becoming around 75% by mid-morning.

Visibility: Periods or persistent cloud above 450m through the early hours becoming occasional above 600m with patches below. Otherwise visibility very good falling to several kilometres in wintry showers and a kilometre in heavier summit snow showers and, through the early hours, more persistent snow and near zero in blizzards.

Temperature: **Valleys:** Plus 3 Celsius rising to plus 7 Celsius by day
At 600m: Around zero Celsius
Freezing level: Falling to 600m